

CLAIMS

What is claimed is:

- 5 1. A system for device configuration, comprising:
 device that transfers a request message via a
 communication network;
 configuration server that receives the request
 message via the communication network and in response
10 transfers a response message to the device via the
 communication network wherein the response message
 includes a set of configuration data for the device.
- 15 2. The system of claim 1, wherein the request
 message comprises an HTTP POST command request.
3. The system of claim 1, wherein the request
 message comprises an HTTP GET command request.
- 20 4. The system of claim 1, wherein the request
 message includes a set of data obtained by the device
 when performing a set of device behaviors.
- 25 5. The system of claim 1, wherein the request
 message includes a heartbeat indicator for the
 device.
- 30 6. The system of claim 1, further comprising a
 workstation that transfers the configuration data to
 the configuration server.
7. The system of claim 6, wherein the configuration
 server sets a configuration pending indicator when

the configuration data is received from the workstation.

8. The system of claim 6, wherein the configuration server transfers the configuration data to the device in the response message along with an acknowledgment to the request message if the configuration pending indicator is set and transfers the acknowledgment to the device otherwise.

9. The system of claim 1, further comprising a local network that enables communication among the device and a set of additional devices.

10. The system of claim 9, wherein the request message includes a configuration change message that indicates that a specified one of the additional devices has a set of pending configuration data on the configuration server.

11. The system of claim 10, wherein the device transfers the configuration change message to the specified one of the additional devices via the local network.

12. The system of claim 10, wherein the specified one of the additional devices obtains the pending configuration data by transferring an additional request message to the configuration server via the communication network.

13. A method for device configuration, comprising the steps of:

transferring a request message via a
communication network;

receiving the request message via the
communication network and in response transferring a
5 response message via the communication network
wherein the response message includes a set of
configuration data.

14. The method of claim 13, wherein the step of
10 transferring a request message comprises the step of
transferring an HTTP POST command request via the
communication network.

15. The method of claim 13, wherein the step of
15 transferring a request message comprises the step of
transferring an HTTP GET command request via the
communication network.

16. The method of claim 13, wherein the step of
20 transferring a request message comprises the step of
transferring a request message that includes a set of
data obtained when performing a set of behaviors.

17. The method of claim 13, wherein the step of
25 transferring a request message comprises the step of
transferring a request message that includes a
heartbeat indicator.

18. The method of claim 17, wherein the step of
30 transferring a request message that includes a
heartbeat indicator comprises the step of
transferring the request message with the heartbeat
indicator at a random time.

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